

INTERNATIONAL SEARCH REPORT

PCT/US2004/015136

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07K14/705

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, Sequence Search, WPI Data, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/064631 A (ADLER JON ELLIOTT ; LI XIAODONG (US); SENOMYX INC (US); O'CONNELL SHAW) 22 August 2002 (2002-08-22) sequences ID, NO3, AND, 4 -----	1-5, 8-14, 17, 20-39, 42-67, 70-72
X	WO 02/30981 A (PE CORP NY) 18 April 2002 (2002-04-18) sequences ID, NO.1, 2 ----- -/-	1-5, 8-14, 17, 20-39, 42-67, 70-72

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

22 October 2004

Date of mailing of the international search report

18. 02. 2005

Name and mailing address of the ISA

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

4-5, 14, 17, 39, 67 (completely); 1-3, 8-13, 20-38, 42-66
70-72 (only partially)

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 02064631	A 22-08-2002		AU 4008601 A CA 2402214 A1 CA 2433514 A1 DE 01914732 T1 EP 1309606 A1 EP 1430083 A2 JP 2004513608 T NO 20024276 A NO 20033030 A WO 0166563 A2 WO 02064631 A2 US 2003054448 A1 US 2004191805 A1 US 2004171042 A1 US 2004132075 A1 US 2004209286 A1 US 2004229239 A1 US 2003008344 A1	17-09-2001 13-09-2001 22-08-2002 15-04-2004 14-05-2003 23-06-2004 13-05-2004 06-11-2002 14-08-2003 13-09-2001 22-08-2002 20-03-2003 30-09-2004 02-09-2004 08-07-2004 21-10-2004 18-11-2004 09-01-2003
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